

GP-301097

## MICROWAVE REGENERATED DIESEL PARTICULATE TRAP

## ABSTRACT OF THE DISCLOSURE

A method and apparatus for initiating regeneration in a particulate trap including the steps of locating microwave-absorbing material in the particulate trap in areas that particulates build up, generating microwaves, 5 absorbing microwaves with the microwave-absorbing material, and controlling the microwaves to initiate a burn-off of particulates.